LUMAN
>- illuminating the greens

[FlexTEK]
ADVANCED FLEXIBLE LIGHTING

3 YEAR PRODUCT WARRANTY

IP 66 INGRESS PROTECTION

IK 10 IMPACT PROTECTION

Description

The [FlexTEK] is a new approach to industrial tunnel and area lighting. Its extended run lengths allow for significantly reduced installation costs. Durable, non-toxic and flexible silicone construction with up to 200m / 360m coverage.

The [FlexTEK] was developed to provide a Safe Extra Low Voltage (SELV) lighting solution for tunnels, conveyors and industrial lighting applications. The [FlexTEK] offers a combination of high efficiency LED chips and cutting edge power stabilisation providing its extended run length and market leading output.
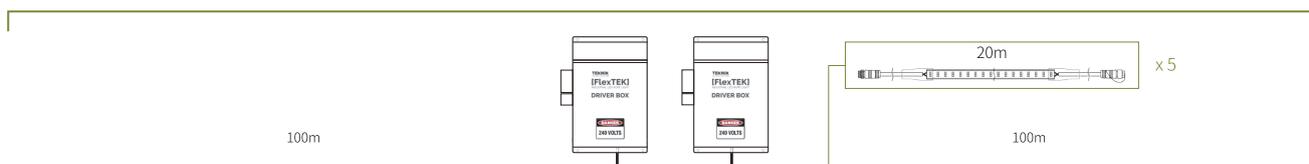
The [FlexTEK] is designed for easy installation eliminating the need for 240V conventional lighting. This lowers overall lighting project costs and increases site safety.
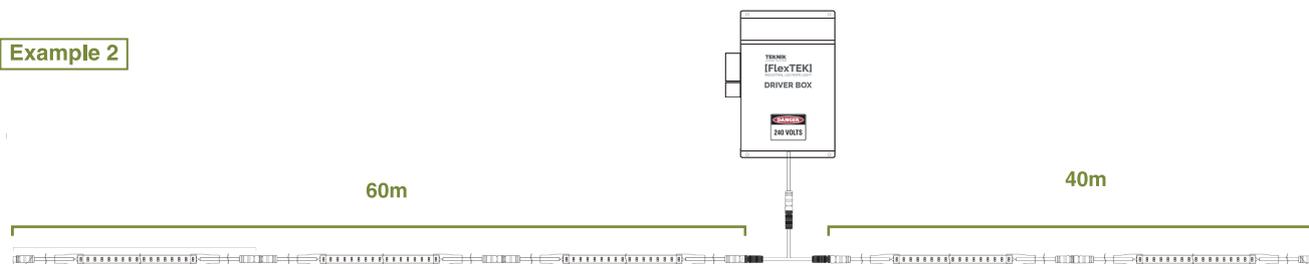
Key Features

> Up to 320m powered from a single AC point

> Proprietary non-toxic silicone compound designed to be inherently flame retardant & anti-static.

> Modular 'plug and play' design for versatility and easy installation

> Patented surface coating to prevent dust accumulation

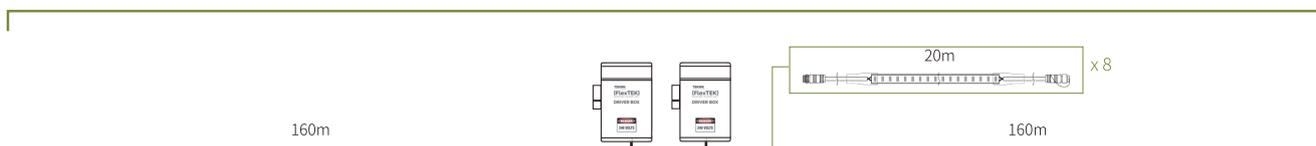> Available in green indication colour with passive emergency glow after loss of power

Example 1

200m

100m

TEKNIK [FlexTEK] DRIVER BOX 240 VOLTS

TEKNIK [FlexTEK] DRIVER BOX 240 VOLTS

20m x 5

100m

Example 2

TEKNIK [FlexTEK] DRIVER BOX 240 VOLTS

60m

40m

Long range version

320m

160m

TEKNIK [FlexTEK] DRIVER BOX 240 VOLTS

TEKNIK [FlexTEK] DRIVER BOX 240 VOLTS

20m x 8

160m

Technical Specifications

Rated Life	≥50,000 hours	**Operating Temperature**	-10°C to +40°C
Body	Silicone	**Input Voltage**	MAX 48VDC
Installation	Surface mount	**IP Rating**	IP66
Beam Angle	120°	**IK Rating**	IK10
SDCM	<5	**Net Weight**	6.2kg
Power	8W/m, 5W/m (Long Range)		

Dimensional Drawing

200mm   20,000mm   200mm

21.5mm

7mm
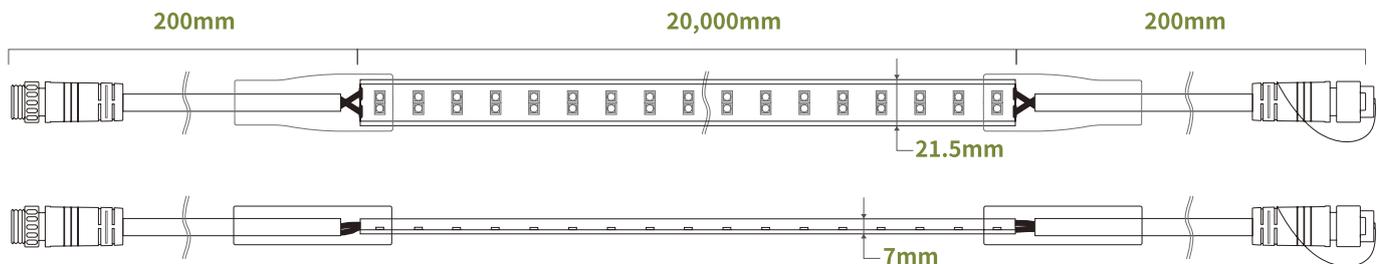
Product Data

Part Number	Power	Lumen Output	CCT*	CRI	Length	Max Coverage*
RF-20-8D-48	8W/m	800lm/m	5700K	>80	20m	200m
RF-20-8G-48-E**	8W/m	Indication light	Green	>80	20m	200m
RF-20-5D-48	5W/m	500lm/m	5700K	>80	20m	320m
RF-20-5RG-48**	5W/m	Indication light	Red/Green	>80	20m	320m

*From a single AC point
**Special order only, contact Teknik Lighting Solutions Sales Representative for ordering information

Driver Box Specifications
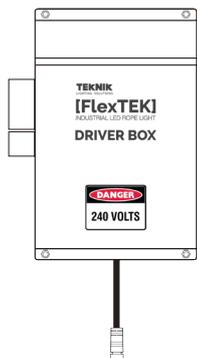
Input Voltage	90-264VAC ~ 50/60Hz
IP Rating	IP65
Material	316 Stainless Steel
Dimensions	665 x 400 x 170mm
Weight	19.5kg
Operating Temperature	-10°C to +40°C
Output Voltage	48 VDC*
Code	BF-664017-SS-48, BF-664017-SS-36

* 36VDC version available by special order

TEKNIK
[FlexTEK]
INDUSTRIAL LED ROPE LIGHT
DRIVER BOX
DANGER 240 VOLTS

Isolator
Clipsal 56SW220

MCB
Clipsal 4RCBM220/30

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